

PROCEEDINGS OF THE FIFTY-SIXTH ANNUAL MEETING

JAMES TATE, JR., SECRETARY

At the invitation of the Montana State University and the Sacajawea Audubon Society, the 56th annual meeting of The Wilson Ornithological Society was held jointly with The Cooper Ornithological Society. The site of the joint meeting was the modern and comfortable campus of Montana State University in Bozeman, Montana. This second joint meeting of the 2 societies was conducted from 12 through 15 June 1975. The Executive Council of The Wilson Ornithological Society held 2 meetings in a conference room at the Hedges North Residence Hall. Business meetings of The Wilson Society were held in the meeting room in Johnson Hall. These proceedings detail the decisions made, awards presented, papers heard, friends well met, and presentations enjoyed in the beautiful Gallatin Valley of Montana.

A pleasant reception for early registrants was hosted Wednesday evening by the Sacajawea Audubon Society while the Executive Council of The Wilson Society and the Board of Directors of The Cooper Ornithological Society held their separate meetings. On Thursday morning the societies were welcomed in their General Session by Carl W. McIntosh, President of Montana State University. A full day of scientific papers followed. An evening film, *Land of Shining Mountains*, was presented by Louis M. Moos, photographer and lecturer. Well-organized birding trips were held to nearby localities for the early risers on Friday and Saturday mornings.

Friday's scientific program consisted of a Symposium on Avian Habitats organized by Douglas James. On Friday evening a full schedule of films and slide shows was available to registrants and guests:

(1) *The Effects of Airborne Contaminants on Vertebrate Animals*, slides by Robert A. Lewis; (2) *Some Scenes of Montana Wildlife and Birds of Victoria Island, Northwest Territories, Canada*, slides by Alan Nelson; (3) *Manana, Island of Birds*, color/sound movie courtesy of Robert J. Shallenberger; (4) *Some Birds of Northeastern Montana*, slides by Charles M. Carlson.

The last day of scientific program was Saturday. A delicious outdoor barbeque was held that evening near a venerable old campus building—The Gray Barn. Awards ceremonies followed by square dancing were then held inside The Gray Barn. On Sunday, many participants returned home; others began extended tours of the west. Throughout the meetings a juried art show of twenty-five Montana artists hung in the Hedges Hall lobby. Registered participants served as the judges of the many outstanding paintings and sculptures.

FIRST BUSINESS MEETING

The first business meeting was called to order by President Parkes at 09:22 Thursday in Johnson Hall, room 339. The minutes of the business meeting held at UMBS, Michigan, were approved by the membership as published in *The Wilson Bulletin* (86:307-320, 1974). The President appointed the *Alexander Wilson Prize* committee with George A. Hall as Chairman. The Nominating Committee was announced as: O. S. Pettingill, Jr., Chairman; H. Lewis Batts, W. W. H. Gunn. The Auditing Committee was announced as: George M. Wickstrom and James F. Ponshair. A joint Wilson-Cooper Resolutions Committee was named with Ronald A. Ryder, Chairman. Reports of officers and committees followed.

REPORT OF THE TREASURER—1974

GENERAL FUNDS

Balance as shown by last report December 31, 1973 \$21,023.95

RECEIPTS

Membership Dues		
Active for 1974	\$ 5,205.00	
Active for 1975	8,509.00	
Total Active		\$13,714.00
Sustaining for 1974	360.00	
Sustaining for 1975	450.00	
Total Sustaining		810.00
Subscriptions to <i>The Wilson Bulletin</i>		
For 1974	2,027.00	
For 1975	3,397.00	
Total Subscriptions		5,424.00
Sales of back issues of <i>The Wilson Bulletin</i>		504.95
Interest and Dividends on Savings & Investments		
Income from General Endowment Fund	5,312.11	
Income from G. M. Sutton Colorplate Fund	1,512.40	
Total Interest and Dividends		6,824.51
Royalties from microfilming back issues of <i>The Wilson Bulletin</i>		174.04
Total Receipts		\$27,451.50

DISBURSEMENTS

<i>The Wilson Bulletin</i> (Printing & Engraving)	\$17,883.69	
Less contributions from authors & others	0.00	
Printing & Engraving Expense		17,883.69
<i>The Wilson Bulletin</i> (Additional Mail & Service)		2,822.24
Editor's Expense		874.16
President's Expense		89.56
Review Editor's Expense		45.51
Secretary's Expense		164.85
Treasurer's Expense		709.19
Committee Expense		250.03
Annual Meeting Expense		388.17
Transfer to Research and Grants-in-Aid		100.00
Bank Charges		15.73
International Council for Bird Protection		30.00
Miscellaneous Expense		7.00
Total Disbursements		\$23,380.13
Excess of Receipts over Disbursements		4,071.37

GENERAL CASH FUND

Checking Account	12,825.90
Savings Account	14,964.80
Balance in Old Kent Bank and Trust Co., Grand Rapids, Michigan, December 31, 1974	\$27,790.70

JOSSELYN VAN TYNE MEMORIAL LIBRARY FUND

Balance as shown by last report, 31 December 1973 \$ 305.78

RECEIPTS

Sale of duplicates and gifts 422.21
 Total Balance and Receipts \$ 727.99

DISBURSEMENTS

Purchase of books 342.72
 Balance in Old Kent Bank and Trust Co., Grand Rapids, Michigan,
 31 December 1974 385.27

LOUIS AGASSIZ FUERTES RESEARCH FUND
 MARGARET MORSE NICE FUND
 EDWARDS AND W.O.S. PAPER FUNDS

Balance as shown by last report dated 31 December 1973 \$ 195.00

RECEIPTS

Contributions 1,877.00
 Transfer from General Fund 100.00
 Total \$2,172.00

DISBURSEMENTS

Grant-in-aid
 To Storrs Olson \$150.00
 To Joseph Jehl 150.00
 To David Dobkin 200.00
 To Arthur Wiseman 100.00
 To Ralph Babcock 100.00
 Total 700.00

Balance in Old Kent Bank and Trust Co., Grand Rapids, Michigan,
 31 December 1974 \$1,472.00

AARON MOORE BAGG STUDENT MEMBERSHIP AWARD FUND

RECEIPTS

Contributions \$ 200.00
 Balance in Old Kent Bank and Trust Co., Grand Rapids, Michigan,
 31 December 1974 \$ 200.00

SPECIAL FUND ACCOUNT

Balance as shown by last report 31 December 1973 \$ 353.25

RECEIPTS

Prepaid Student Dues \$ 0.00
 Advance Renewals 83.50
 Discount Due Agencies 0.00
 Total Receipts 83.50
 Total 436.75

<i>DISBURSEMENTS</i>	0.00
Balance in Old Kent Bank and Trust Co., Grand Rapids, Michigan, 31 December 1974	\$ 436.75

ENDOWMENT FUNDS
GENERAL ENDOWMENT FUND

Balance in Endowment Savings Account as shown by last report, 31 December 1973	\$ 16,785.00
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RECEIPTS

Life Membership Payments	5,530.00
Balance in Endowment Savings Account, Old Kent Bank and Trust Co., Grand Rapids, Michigan, 31 December 1974	22,315.00
Investments held as of 31 December 1974	
United States Government bonds	\$ 4,925.00
Canadian Provincial bonds	3,550.00
Corporate bonds	7,712.50
Convertible corporate bonds	1,856.25
Convertible preferred bonds	8,548.13
Common stocks	34,293.92
Investment trusts	5,366.12
Uninvested principal	10.00
Total Investments	\$ 66,261.92
Total General Endowment Fund, 31 December 1974	\$ 88,576.92

GEORGE MIKSCH SUTTON COLORPLATE FUND

RECEIPTS

Contributions	\$ 5,000.00
Investments held as of 31 December 1974	
Canadian Provincial bonds	\$ 4,400.00
Corporate Bonds	5,025.00
Equipment Trust Certificates	8,950.00
Common stocks	1,725.00
Uninvested principal	1,554.85
Total Investments	\$ 21,654.85
Total, Combined Wilson Ornithological Society Endowment Funds, 31 December 1974	\$110,231.77

ERNEST E. HOOVER, *Treasurer*

REPORT OF THE EDITOR—1974

Since becoming editor in June 1974, I have received 246 manuscripts plus book reviews, news items, and the President's Page. Some of the 246 manuscripts were revisions initially received under the previous editor, but the bulk was new. During this same time period last year, John Hubbard had received 194 manuscripts. As of the date of this report, the fates of the manuscripts I have received have been as follows: pub-

lished, 46; in press, 25; accepted, 40; out for refereeing, 29; returned for revision, 49; rejected, 57.

Processing time was calculated from time of receipt of any original manuscript (including those revised under the previous editor) to acceptance: 50 papers published (March, June) or in press (September)—120.6 days, S.D. = 82.5 days; 58 notes (same specifications) 76.3 days, S.D. = 43 days. Based on 3.5 months in press time, the lead time can be put at about 12 months for a paper and just under 12 months for a note. . . and rising! As might be expected, it takes less time to have a paper rejected than it does to have one accepted. Of 55 manuscripts rejected (notes and papers combined) time from receipt to rejection averaged 47.8 days, S.D. = 70.0. The rejection rate this past year was 26.3%, compared to 19.9% for 1974, 31.6% for 1972, 30.0% for 1971, and about 27% for the 1974 Auk.

Due to cost increases, page charges for *The Wilson Bulletin* will be immediately raised to \$40. Page charges must be paid for all printed pages in excess of 20. In addition, authors willing to pay all page charges will have their manuscripts published in the next available issue. Such manuscripts will be published in addition to those regularly scheduled for publication.

Time out to referees continued to be reasonably good—averaging 21.0 days, S.D. = 17.5 for all manuscripts. I am grateful to the 211 people who have refereed manuscripts for *The Wilson Bulletin* during the past year.

JEROME A. JACKSON, *Editor*

REPORT OF THE RESEARCH COMMITTEE—1974

Your Committee recommends that the 1975 Fuertes Award go to Ms. Margaret Elsie McVey c/o R. Case, RFD 1, Box 176, Stovington, Connecticut 06378. The title of her research project is: The Social Dynamics of a Loosely Colonial Passerine, the Barn Swallow (*Hirundo rustica*). This project is extremely well conceived and will emphasize the role of vocalizations in the social behavior of this species. Ms. McVey received outstanding letters of recommendation from several well-known ornithologists and she seems a most promising student.

If it is possible to give 2 Fuertes Awards this year, the Committee recommends that a second award go to Mr. Roger L. Boyd whose address is 622 South Taft Hill Road, Fort Collins, Colorado 60521. His research project is entitled: Energy and Food Biomass of the Horned Lark on the Shortgrass Prairie. Mr. Boyd's research proposal was an unusually detailed and competent one. He too had strong letters of support and was tied with McVey in the final rankings of the Committee. However, we chose to give McVey first place because she has not received any other financial assistance for her project. In contrast, Boyd has received some support from other sources.

Twelve people completed the application process, i.e., did more than write letters of inquiry or request forms. These applications were of exceptionally high quality. Most of the Committee members commented on the difficulty of the rankings and how deserving of support were most of the proposals.

Your Committee recommends that the 1975 Nice Award go to Jerome J. Barry of Woodland Road, Apartment 8, Merrimack, New Hampshire 03054. Mr. Barry's proposal was entitled: Avian Ectoparasites: Their Biology and Importance as Disease Vectors. This proposal was an extremely broad one but if he achieves only part of his objective it will be an important contribution.

The number of applications for the Nice Award was up this year. We had 5 applicants, although 2 of these had dubious "student" status.

FRANK B. GILL, *Chairman*

REPORT OF THE EDWARDS PRIZE COMMITTEE—1974

The decision of the Edwards Prize Committee on selection of the first and second best papers in Volume 86 of *The Wilson Bulletin* is:

First Prize: William E. Southern, The effects of superimposed magnetic fields on gull orientation, pp 246-271. Second Prize: Rodman Ward and Dorcas A. Ward, Songs in contiguous populations of Black-capped and Carolina chickadees in Pennsylvania, pp 344-356.

FRANCES C. JAMES, *Chairman*

REPORT OF THE MEMBERSHIP COMMITTEE—1974

At its last annual meeting the society decided that the publication of the membership list would become a duty of the Membership Chairman. That task occupied much of my time last fall. I made several changes in the format in which the list is presented. Of these, 2 are important. First, Sustaining Members are not designated. The Treasurer indicates that sustaining membership changes from year to year, evidently influenced by the affluence of our membership. Hence, Sustaining Members are not in quite the same category as Patrons or Life Members. It does seem appropriate, however, that the society find some way to indicate its appreciation of the generosity of these people, and I would suggest publication of an annual list of Sustaining Members.

Second, I added a geographical index (by zip code). This was done primarily upon consideration that many of our members are amateurs and might like to be able to locate others with similar interests in their area. I would greatly appreciate learning how many members do find this feature useful as it does require extra pagination and expense, and it is some trouble to maintain a dual listing of the membership.

This year we have added 180 members while losing, for a variety of reasons, 150, for a net gain of 30 new members. For the third consecutive year we have recruited more individuals than we have lost. The new members come from 42 of the United States, Washington, D.C., Puerto Rico, 6 of the Provinces of Canada, and 7 other foreign countries. They have been recommended by 55 members of the society.

In hopes of being able to direct future recruiting campaigns, I attempted to ascertain who leaves the society. My analysis includes all losses not due to death and assumed that such losses are permanent despite the fact that some of those lost for nonpayment of dues (the largest category) and many who have moved without yet sending a new address will be reinstated. The class of 1974, which was previously analyzed for "who joins", was considered in some detail.

A chart of members lost, plotted against year of joining, closely resembles similar charts of losses in populations of small passerines. The first year includes 28.9% of the losses, while 54.2% occur within the first 5 years and 71.8 within the first 10. We expect that some new recruits, finding that the society is not what they had in mind, will leave rapidly. A peculiar bulge in drops about year 10 may represent marginal members for whom the present economic situation is a deciding factor.

Thirty-three (19.1%) of the 173 members upon which last year's report was based left the society. The losses were remarkably evenly distributed through most of the classes analyzed (18% of the males, 23% of females, 19% of students recruited). Only 2 groups were exceptional. Losses were high among non-ornithological, professional biologists (33%) and low among educators (4%). These data suggest that "loyalty" is an unpredictable factor. Hence, little would be gained by directing our recruiting to specific groups.

A. S. GAUNT, *Chairman*

REPORT OF THE CONSERVATION COMMITTEE—1974

Four specialists, Maurice F. Baker, Jay S. Gashwiler, Robert L. Eng, and Max H. Schroeder, were asked to consider the committee's chosen topic. Their report, *The Effects of Alteration of Sagebrush Communities on the Associated Avifauna*, was prepared and submitted to the Council of The Wilson Ornithological Society. It will be published in *The Wilson Bulletin* in 1976. The Conservation Committee asks the Council for guidance on future topics for consideration.

CLAIT E. BRAUN, *Chairman*

REPORT OF THE LIBRARY COMMITTEE—1974

This report covers specifically the period 1 June to 31 December, 1974, and subsequent annual reports will apply to calendar years.

The past year has been one of rather more than the usual upheaval, as regards both personnel and University Library procedures. Our basic aims remain unchanged; it is hoped that members can use the growing collections to even better advantage and will take increased interest in adding to them.

Gifts received included 154 books, 473 periodicals, 25 reprints, and 27 pamphlets, from 7 donors. The fine bequest from the library of the late C. Chandler Ross constituted some 84% of the total gifts for the period.

Outside loans, to 13 members, involved 23 separate items.

A total of \$55.00 realized from the sale of duplicate books and other items went into the New Book Fund to help with library acquisitions.

Somewhat belatedly, thanks are extended to Sheldon Miller for his years of service to the Josselyn Van Tyne Memorial Library. We welcome Janet Hinshaw, who now holds the position of Technician in the U.M.M.Z. Bird Division and is already ably coordinating the many details of our work.

WILLIAM A. LUNK, *Chairman*

Lists of new members were posted in the meeting hall by the Secretary. Announcements were made that the 57th Wilson Ornithological Society Meeting is planned for Cornell University from 3 through 6 June 1976, and the 58th Wilson Ornithological Society Meeting is planned for Mississippi State University from 18 through 21 May 1977. There being no further business, the President closed the first business meeting at 10:12.

SECOND BUSINESS MEETING

President Parkes called the meeting to order at 16:05 on Saturday. A report on proposed amendments to the constitution of The Wilson Ornithological Society was made by President Parkes. He detailed many of the proposed amendments that have been accepted by the Council. The most recent Constitution and Bylaws of The Wilson Ornithological Society were adopted 29 December 1930, and amended by the Executive Council on 11 August 1944, and 13 October 1945. The then revised Constitution and Bylaws were approved by the membership on 29 November 1946, and amended September 1951 (by mail ballot), and 9 April 1955. The full amended and revised Constitution and Bylaws were published in *The Wilson Bulletin* (67:224-226, 1955). The following amendments were approved by unanimous vote of the assembled council with only a single abstention on one motion at its meeting on 12 June 1975.

Article I, Section 2, and Article II, Section 2.

References in these articles should be to "Objective" rather than "Object."

Article I, Section 1.

Add the following as a second and third sentence:

It shall be registered under that name as a Corporation in an appropriate state, fulfilling any requirements for incorporation under the laws of that state. If the state in which the Corporation is registered should impose new requirements that conflict with the objectives or the financial means of the Society, the Board of Directors of the Corporation may dissolve the Corporation and reincorporate under the laws of another state.

Article I, Section 2.

Delete: ". . . , particularly field ornithology as related to the birds of North America."

Article II, Section 2.

Delete: ". . . of good moral character and . . ."

Note from the Secretary: Also notice that I have changed the word object to objective in this section so that it is consistent with the title of Article I.

Article II, Section 3.

Substitute the following wording:

"The Executive Council shall determine the amount of the dues for Active and Sustaining Members, of institutional subscriptions to *The Wilson Bulletin*, and of payments into the endowment fund of the Society to qualify for the classes of Life Member and Patron. Persons desiring to become Life Members or Patrons may, if they wish, pay one quarter of the amount set for these classes into the endowment fund in four consecutive annual installments. They are then exempt from further dues. Upon the unanimous recommendation of the Executive Council, honorary membership may be conferred by the Society by a three-fourths vote at any annual meeting." Also to remove existing Bylaw #8.

Article II, Section 5.

Delete: ". . . for one year . . ."; and insert ". . . at least . . ." before the words ". . . two months . . ." in the second sentence.

Article III, Section 1.

Substitute for ". . . two Vice-Presidents . . ." the phrase ". . . a First Vice-President, a Second Vice-President . . ."

Article III, Section 2.

Substitute in part the wording of Bylaw #4 as the body of this section so that it reads as follows:

All officers and elected members of the Executive Council, except the Editor, shall be elected at the annual meeting by ballot of the members. By the unanimous consent of the members, the Secretary may cast one ballot, representing the unanimous vote of the members present. A nominating committee composed

of three or more members shall be appointed by the President at the beginning or in advance of the annual meeting, which shall offer nomination of officers and elected members of the Executive Council to serve the Society during the ensuing year. Nominations may also be made by any member in good standing from the floor. The Editor shall be elected annually by the Executive Council. Also to remove the current Bylaw #4.

Article III, Section 3.

To cause existing Bylaw #13 to become Article III, Section 3, and to renumber remaining sections in Article III. Also to remove current Bylaw #13.

Article III, Section 3. (New Section 4 with the adoption of the above change.)

Substitute the following wording:

The President and the two Vice-Presidents shall hold office for one year or until their successors are elected, and shall be eligible for re-election for a second year. Upon retirement of the President, the First Vice-President shall be nominated for President and the Second Vice-President for First Vice-President, unless otherwise determined by the Nominating Committee. The Secretary, Treasurer, and Editor are eligible for re-election indefinitely. Terms of office shall begin at the close of the meeting at which the officers were elected.

Article III, Section 4. (New Section 5 with adoption of the above change.)

Add as second sentence:

"The term of office for the three elected members of the Executive Council shall be three years, without re-election, with terms staggered so that the term of one such member expires each year."

Article IV.

Add the words "regular annual" before ". . . meetings of the Society," in Section 1, and add the words ". . . at regular annual meetings," at the end of Section 2.

Article V, Section 1.

Drop the words ". . . of two . . ." after the word "committee".

Article V, Section 2.

Remove the reference to terms for a Board of Trustees by deleting everything following the word President in the second sentence, and all of the third and fourth sentences.

Article VI, Section 1.

Add the word "regular" to the phrase "annual meeting" and delete the word "voting".

Article VII, Section 1.

Add at the end of the sentence: ". . . , provided that a copy of the suggested changes has been mailed to every member of the Society at least one month prior to regular annual meeting."

Bylaw 3.

Delete after "A program committee . . ." the words ". . . of which the Secretary shall be chairman . . .", and add the word "scientific" before the word "program".

Bylaw 5.

Delete the words ". . . consisting of three members".

Bylaw 6.

Delete the words ". . . one or more . . ." and substitute the article ". . . a . . ." in their place. Change "libraries" to the singular. In the second sentence, delete the phrase ". . . of three or more members . . ."

Bylaw 8.

To become in total Article I, Section 3 (new section).

Bylaw 9.

Remove this bylaw.

Bylaw 11.

Substitute the following wording for the introduction: "The agenda at regular annual meetings shall include: . . ." Also delete the last sentence.

Bylaw 14.

Change the first sentence so that it begins: "This constitution and bylaws may also be amended . . ."

The preceding amendments will be brought to a vote of the members present at the next regular annual meeting of The Wilson Ornithological Society.

The following report of the Auditing Committee was accepted:

REPORT OF THE AUDITOR—1974

We the undersigned have examined and verified the books, records, and bank statements under the care of the Treasurer, Ernest E. Hoover, and find them in agreement with the Annual Report for 31 December 1974. We are satisfied that the books accurately present the financial condition of the Wilson Ornithological Society at close of business 31 December 1974.

GEORGE M. WICKSTROM, JAMES F. PONSHAIR, *Auditing Committee*

The Secretary called for a vote to accept the list of proposed members of The Society as posted. Motion to accept the persons named on said list was made, seconded, and passed by voice vote. O. S. Pettingill, Jr., Chairman of the Nominations Committee, proposed the following slate of officers: For President, Andrew J. Berger; First Vice-President, Douglas A. James; Second Vice-President, George A. Hall; Secretary, James Tate, Jr.; Treasurer, Ernest Hoover; Elective Member of the Council (3 years), Abbot S. Gaunt; Elective Member of the Council (unexpired 1-year term), A. J. Erskine. There being no further nominations from the floor, nominations were closed. The membership directed the Secretary to cast a unanimous ballot for the proposed slate.

REPORT OF THE JOINT RESOLUTIONS COMMITTEE

The following resolutions were read and passed at the joint session of the two Societies:

WHEREAS, the Cooper Ornithological Society and the Wilson Ornithological Society have assembled in their joint annual meeting at Bozeman, Montana 12-15 June 1975 and

WHEREAS, the members of the two societies have benefited greatly from the dedicated efforts of the committee on arrangements chaired by Clifford Davis, and

WHEREAS, the excellent services, facilities, and hospitality provided by Montana State University have contributed immeasurably to the success and enjoyable nature of this jointing meeting,

THEREFORE, BE IT RESOLVED that the Cooper and Wilson Societies extend their grateful appreciation to the sponsoring organizations, Montana State University and the Sacajewea Audubon Society.

BE IT RESOLVED that the Cooper Ornithological Society and the Wilson Ornithological Society recommend that the Secretary of the Interior and the Director of the U.S. Fish and Wildlife Service request the assistance of a group of qualified zoologists as the basis for the granting of permits for scientific collection of birds rather than delegating responsibility for approval or disapproval of such permit requests entirely to the Law Enforcement Division of the U.S. Fish and Wildlife Service.

WHEREAS, many of the members of the Cooper and Wilson Ornithological Societies have conducted avian research in the Gulf of California and on the Peninsula of Baja California, and

WHEREAS, recent developments and activities in those areas pose serious threats to the well-being and survival of many birds there,

THEREFORE, BE IT RESOLVED that the Cooper and Wilson Societies endorse the Pacific Seabird Groups Policy Statement No. 1, of 1 May 1974 concerning "Seabird Conservation in the Gulf of California", and

BE IT FURTHER RESOLVED that written endorsement be submitted herewith to the Government of Mexico.

WHEREAS, the Cooper and Wilson Ornithological Societies represent an important cross section of the scientific community concerned with the serious study and conservation of birds in the United States, and

WHEREAS, the Kileuea Forest Preserve on the Island of Hawaii and owned by the Bernice Pauahi Bishop estate is valuable habitat for at least 4 species of endangered birds, the Io (Hawaiian hawk, *Buteo solitarius*), the Akiapola'au (*Hemignathus wilsoni*), the Hawaii 'Akepa (*Loxops coccinea coccinea*), the Hawaii creeper (*Loxops meculapa mana*) and possibly a 5th endangered species, the O'u (*Psittirostra psittazea*) and

WHEREAS, the B. P. Bishop estate plans to clear and log 200 acres of this valuable habitat, and

WHEREAS, this proposed habitat operation will apparently be a violation of the intent and purposes of the federal Endangered Species Act of 1973.

THEREFORE, BE IT RESOLVED that the Cooper and Wilson Ornithological Societies urge the Board of Trustees of the B. P. Bishop estate to reconsider their proposed plans for logging and only permit logging to the extent as recommended by the Office of Endangered Species of the U.S. Fish and Wildlife Service in order to provide adequate habitat for the above-mentioned species of endangered birds.

RONALD A. RYDER, *Chairman*

The President closed the second business meeting at 16:30.

ATTENDANCE

- From ALASKA: *Fairbanks*, Brina Kessel.
- From ARIZONA: *Flagstaff*, R. P. Balda, Michael Salomonson, Robert C. Szaro; *Prescott*, Carl Tomoff; *Tempe*, Wm. Flaudeslan, Judd Howell, Wm. F. Landenslayer, Robert D. Ohmart, Nancy Stamp; *Tucson*, Dorothy Russell, Stephen M. Russell.
- From ARKANSAS: *Fayetteville*, Peter A. Money, Alan F. Posey, Brenda Posey, Richard Thomas; *Little Rock*, Henry Halberg, Edith Halberg.
- From CALIFORNIA: *Albany*, T. James Lewis, Barbara Lewis; *Alta Loma*, Fredda Fox, Arcata, Howard Levenson; *Berkeley*, Stephen F. Bailey, Oliver Pearson, Anita Pearson, Jennifer White; *Cholame*, Eban McMillan, Gladys McMillan; *La Jolla*, Granville Hatch; *Larkspur*, Robert Orr; *Long Beach*, Charles T. Collins; *Los Angeles*, Ed N. Harrison, Henry Hesperheide, Thomas R. Howell, Richard L. Hutto, Sandra Jones, Kenneth E. Stager; *McKinleyville*, James R. Koplín, Kitchen Koplín; *Northridge*, Bill Boarman; *Oakland*, Enid Austin, Jane R. Durham; *Orange*, Steve Sanders; *Placentia*, Ray Munson, Barry Thomas; *Sacramento*, Tim Mabolis; *San Diego*, Gerald Collier; *San Francisco*, L. C. Binford; *San Jose*, Rebecca Marchello; *San Mateo*, Joseph Hall; *Santa Barbara*, B. B. DeWolfe, Dennis M. Power, Diana Tomback; *Saratoga*, Diana G. Matthiesen; *Seal Beach*, Cliff Hill; *Stanford*, Timothy Szaro; *Van Nuys*, Nicholas Collias, Mrs. N. Collias, William Issler.
- From COLORADO: *Boulder*, Jeanne A. Conry; *Colorado Springs*, James H. Enderson; *Denver*, Marcie Meierkord, Jim Neal; *Fort Collins*, Paul H. Baldwin, Clait E. Braun, Nancy Braun, James R. Rees, Ronald Ryder; *Golden*, James Tate, Jr., D. Jean Tate; *Lakewood*, Charles P. Stome; *Northglenn*, Walter Graul.
- From DELAWARE: *Wilmington*, David Niles, Mr. and Mrs. Rodman Ward.
- From FLORIDA: *Gainesville*, John William Hardy; *Lakeland*, John R. Haldeman; *Tampa*, Mercedes Foster, *Winter Haven*, Peggy MacQueen.
- From HAWAII: *Honolulu*, Andrew J. Berger, Sheila Conant.
- From IDAHO: *Boise*, Thomas C. Dunstan, James F. Harper; *Courdelene*, Ron McDow; *Kamiah*, Jeffrey Hughes; *Moscow*, Wayne E. Melquist; *Pocatello*, Michael Delate, Ronald Sehman, Charles H. Trost, Wayan Drewien.
- From ILLINOIS: *Carbondale*, Wm. S. George, Martin Kemper, Tim Kimmel, Daniel Klem, Renee Klem, Eugene LeFebvre; *Champaign*, George Kulesza; *Chicago*, Joel Cracraft, Bill Lukshia; *Cottage Hills*, Mr. and Mrs. Harold E. Broadbrooks; *Momence*, W. Lory, Hazel Lory, Mrs. Edith Reid; *Marphysboro*, Gary L. Nunn.
- From INDIANA: *W. Lafayette*, James R. Karr, Kathleen Karr.
- From KANSAS: *Lawrence*, Robert S. Hoffmann, Robert Mengel, Marion Mengel.
- From LOUISIANA: *Baton Roage*, Robert B. Hamilton.
- From MAINE: *Kirksville*, Barbara Harris; *Wayne*, Mr. and Mrs. O. S. Pettingill.
- From MARYLAND: *Gaithersberg*, Douglas James; *Odenton*, Danny Bystrak.
- From MASSACHUSETTS: *Middleboro*, Paul Anderson, Kathleen Anderson.
- From MICHIGAN: *Ann Arbor*, Cynthia Carey, Wm. R. Dawson, Virginia Dawson, Hank Howe, Ronald I. Orenstein, Robert Payne, Robert Storer; *Grand Rapids*, Ernest Hoover; *Mt. Pleasant*, Robert Peterson.
- From MINNESOTA: *Collegeville*, N. L. Ford; *Dalath*, Mr. and Mrs. P. B. Hofslund; *Minneapolis*, Walter Breckenridge, Dorothy Breckenridge, Douglas Mock, H. B. Tordoff, N. Tordoff.
- From MISSISSIPPI: *Mississippi State*, Jerome A. Jackson.
- From MISSOURI: *Colambia*, Wm. H. Elder, Glennis Elder, Keith Evans; *Cape Girar-*

deau, Wm. R. Eddleman; *Puxico*, Leigh H. Fredrickson, Judy Fredrickson; *Raytown*, Mark S. Taylor; *St. Louis*, Norman Woldow.

From MONTANA: *Ashland*, M. L. Morton; *Belgrade*, Jerry Light; *Billings*, Mrs. C. H. Bjoran, Bebe FitzGerald, J. H. Phelps, Bill Rone; *Bozeman*, Ron Batchelor, Clyde H. Border, Ellamay Border, Nina Bradley, Merrill Burlingame, Virginia Burlingame, Helen Carlson, Grace M. Carney, Cliff Davis, Toots Davis, Cy D. Evans, Betty Evans, John Fisher, Dorothy Fisher, Dennis S. Flath, Mary Geis, Raymond A. Hays, Eva Hays, H. N. Metcalf, Henry Montagne, Louis Moos, Opal Moos, John C. Prange, P. D. Skaar; *Butte*, Lila Laity; *Clancy*, Vincent Yannone; *Ft. Peck*, Charles M. Carlson, John Carlson; *Gallatin Gateway*, Dorothy P. Nile; *Great Falls*, Alan Nelson; *Hamilton*, Marc Bielenberg; *Helena*, Jean Smith, Larry S. Thompson; *Joliet*, Billie Hicks; *Lewistown*, Anna Zellick; *Missoula*, Patricia A. Baird, Joan Bird, Burr J. Betts, Anthony Caprio, Patricia M. Dolan, Don Jennie, James A. Sedgwick, Barry Storer, Phil Wright; *Wilsall*, Florence Wegener, Victor Thornbrugh.

From NEBRASKA: *Omaha*, Wm. A. DeGraw.

From NEW HAMPSHIRE: *Lebanon*, Peter Stettenheim.

From NEW JERSEY: *Chester*, C. B. Schaughency; *Mt. Holly*, Katherine Price; *New Brunswick*, Charles Leck.

From NEW YORK: *Armonk*, Michael Kern; *Ithaca*, Sam E. Weeks; *New York City*, Chris Doner, Eugene Eisenmann, L. L. Short, Stuart Keith and Mrs. Stuart Keith; *Syracuse*, Harry W. Power.

From NORTH CAROLINA: *Greensboro*, Charles Black.

From NORTH DAKOTA: *Jamestown*, Douglas Johnson.

From OHIO: *Columbus*, Abbot Gaunt and Mrs. Abbot Gaunt, Thomas C. Grubb; *Lakewood*, Wm. A. Klamm; *Sandusky*, Allen Stickley; *Toledo*, J. M. McCormick, Luella McCormick; *Waterville*, Harold F. Mayfield.

From OKLAHOMA: *Norman*, Joseph Grzybowski, Jenna Hellack, Gary Schnell, Mary Sue Schnell; *Tecumseh*, D. Schott Wood.

From OREGON: *Ashland*, John O. Sullivan; *Burns*, Carroll D. Littlefield; *Corvallis*, Robert A. Lewis; *Portland*, Robert Grimm.

From PENNSYLVANIA: *Audubon*, Wm. T. Tucker; *Chester Springs*, Mr. and Mrs. Phillips B. Street; *New Ringgold*, Mr. and Mrs. Maurice Broun; *Pittsburgh*, Doug Kibbe, Kenneth Parkes; *Carlisle*, C. John Ralph, Carol Ralph; *Ulster*, Erika Wilson; *University Park*, David Pearson, Fred Samson.

From SOUTH CAROLINA: *N. Augusta*, Robert W. McFarlane; *Seneca*, Robert G. Hooper, Joan Hooper.

From SOUTH DAKOTA: *Rapid City*, L. M. Baylor, Roger Kerbs, Harold Messner, Dr. and Mrs. N. R. Whitney; *Sioux Falls*, Brent Hagland, Dayle Hagland; *Spearfish*, Thomas M. Hays.

From TENNESSEE: *Maryville*, Ralph J. Zaenglein.

From TEXAS: *Austin*, Mr. and Mrs. Charles Hartshorne; *College Station*, Brian W. Cain; *Huntsville*, Ralph R. Moldenhaver.

From UTAH: *Logan*, Robert Clemans, Bob Flynn, James Gessaman, Steven R. Hays, Kimberly Smith, Jan Young; *Ogden*, Carl Marti, Al Theis; *Orem*, Herbert H. Frost; *Provo*, Joseph Murphy, Bob Whitmore; *Salt Lake City*, Wm. H. Behle, Brooke Stiling.

From VIRGINIA: *Richmond*, C. R. and Leann Blem; *Williamsburg*, Ruth A. Beck, Susan C. Sturm.

- From WASHINGTON: *Big Harbor*, Gerald V. Tamgrom; *Pullman*, Richard E. Johnson; *Seattle*, Karl Kenyon, David A. Manuwal, Naomi Manuwal, Gordon H. Orians, Sievert Rohwer, Chris Servheen, Jan P. Smith, Doug Wood, Robin Wood.
- From WEST VIRGINIA: *Morgantown*, George A. Hall.
- From WISCONSIN: *Madison*, Michael Jaeger, Robert McCabe, Marie McCabe; *Milwaukee*, Daniel D. Berger, Owen Royce; *Oshkosh*, Michael Minock.
- From AUSTRALIA: *Turrumurra*, Murray D. Bruce.
- From BRAZIL: *Glamado*, Wm. Belton, Julia Belton.
- From CANADA: *Alberta*, Wm. Gunn, M. T. Myres, Don Pattie; *British Columbia*, N. A. Din, Nico Verbeek, Wayne Weber, Wendy Weber; *Ontario*, Jake Rice, W. John Richardson, Dorothy Richardson; *Saskatchewan*, Wm. J. Maher.
- From COSTA RICA: Susan Smith.
- Others in attendance: Patricia G. Brown, Ellie D'Arms, Kathleen E. Franzreb, Jeff C. Holder, Jeri Paulson, Steven Ray, Edgar Stone, Gary L. Worthen, Kathie Worthen.

PAPERS SESSIONS

- P. D. Skaar, Montana State University, Bozeman, Montana, *Mapping Montana Bird Distribution by Latilong*.
- Ronald A. Ryder, Colorado State University, Fort Collins, Colorado, *Population Trends of Some Common Breeding Birds in Colorado*.
- Nancy Stamp, Arizona State University, Tempe, Arizona, *Densities of Overwintering Birds Along the Salt and Verde Rivers, Maricopa County, Arizona*.
- James H. Enderson, Colorado College, Colorado Springs, Colorado, and Jerry Craig, Colorado Division of Wildlife, Denver, Colorado, *Status of the Peregrine Falcon in the Rocky Mountains*.
- Wayne E. Melquist and Donald R. Johnson, University of Idaho, Moscow, Idaho, *Present Status of Ospreys in Northern Idaho and Northeastern Washington*.
- Patricia A. Baird, University of Montana, Missoula, Montana, *Comparative Ecology of Ring-billed and California Gulls*.
- Michael D. Kern, Fordham University, Bronx, New York, *Nest Construction by Canaries —Is the Incubation Patch Involved?*
- Robert W. McFarlane, Savannah River Ecology Laboratory, Aiken, South Carolina, *Noncyclic Reproduction of Sooty Terns on Wake Island*.
- Leigh H. Fredrickson and James L. Hansen, Gaylord Memorial Laboratory, University of Missouri, Puxico, Missouri, *Second Broods in Wood Ducks*.
- James A. Sedgwick, University of Montana, Missoula, Montana, *A Comparative Study of the Breeding Biology of Hammond's and Dusky Flycatchers*.
- William J. Maher, University of Saskatchewan, Saskatoon, Saskatchewan, *Diet of Nestling Prairie Passerines at Matador, Saskatchewan, Canada*.
- Charles F. Leck and Martha S. Hughes, Rutgers University, New Brunswick, New Jersey, *The Influence of Environment on the Nestling Feeding Rate of the Tree Swallow*.
- Allan B. Crockett, University of Colorado, Boulder, Colorado, *Feeding Ecology of the Williamson's Sapsucker in Colorado*.
- Richard E. Johnson, Washington State University, Pullman, Washington, *Comparative Feeding Ecology of Two Populations of Rosy Finches in Contrasting Habitats*.
- Michael G. Salomonson, Northern Arizona University, Flagstaff, Arizona, *The Effects of Food Availability on Winter Territorial Behavior of Townsend's Solitaires*.

- Nicholas A. M. Verbeek, University of British Columbia, Vancouver, British Columbia, *Northern Wintering of Flycatchers and Residency of Black Phoebes*.
- Wayne C. Weber, 170 East Fourth Street, North Vancouver, British Columbia, *Foraging Ecology of Urban Birds in Vancouver, British Columbia*.
- William F. Laudenslayer, Jr., Arizona State University, Tempe, Arizona, *Seasonal Shifts in Avian Utilization of Tree Species and Foraging Heights in Three Mixed Mesquite Communities*.
- C. John Ralph, Dickinson College, Carlisle, Pennsylvania, *Determination of Circadian Timing of Migrants*.
- James F. Harper and Thomas C. Dunstan, Western Illinois University, Macomb, Illinois, *Dispersal and Migration of Fledgling Bald Eagles*.
- Thomas C. Dunstan and James F. Harper, Western Illinois University, Macomb, Illinois, and John E. Mathisen, Chippewa National Forest, Cass Lake, Minnesota, *Behavior and Habitat Use of Fledgling Bald Eagles in North Central Minnesota*.
- Diana F. Tomback, University of California, Santa Barbara, California, *Pre-roosting Flights of the Clark's Nutcracker in the Eastern Sierra Nevada: Phototaxis or Thermoregulation?*
- Russell P. Balda and Michael L. Morrison, Northern Arizona University, Flagstaff, Arizona, *Roosting Behavior of the Piñon Jay*.
- Carl D. Marti, Weber State College, Ogden, Utah, *Prey Selection in the Long-eared Owl*.
- Thomas C. Grubb, Jr., Ohio State University, Columbus, Ohio, *Discrimination of Flying Predators by American Coots in Nature*.
- Daniel Klem, Jr. and Gary L. Nunn, Southern Illinois University, Carbondale, Illinois, *Adaptive Significance of Certain Predatory Behavior Patterns and Their Sequencing in the American Kestrel and Red-tailed Hawk*.
- Gary L. Nunn, Southern Illinois University, Carbondale, Illinois, *A Predictive Model for Occurrence of the Fixed Action Pattern "Killing Bite" in the American Kestrel*.
- Susan M. Smith, Universidad de Costa Rica, Ciudad Universitaria, Costa Rica, *Prey-attack Behavior by Young Turquoise-browed Motmots*.
- Brent M. Haglund, Augustana College, Sioux Falls, South Dakota, *Breeding Bird Communities of Northern Rocky Mountain Vegetation Types*.
- Clait E. Braun, Colorado Division of Wildlife, Fort Collins, Colorado, *Seasonal Habitat Selection by White-tailed Ptarmigan*.
- Jerome A. Jackson, Mississippi State University, Mississippi State, Mississippi, *Colony Site Selection, Use, and Abandonment by the Red-cockaded Woodpecker*.
- John R. Haldeman, Florida South College, Lakeland, Florida, *Junco Habitats in the Western United States*.
- James C. Rice, University of Toronto, Toronto, Canada, *Habitat Cooccupancy in Two Interspecifically Territorial Vireos*.
- Gordon H. Orians, University of Washington, Seattle, Washington, *Marshes as Breeding Environments for Passerine Birds*.
- Donald H. White, Patuxent Wildlife Research Center, Laurel, Maryland, *Environments of Freshwater Feeding Sites of Waterfowl in Autumn on the Welder Wildlife Refuge in Southern Texas*.
- Carl S. Tomoff, Prescott Center for Alternative Education, Prescott, Arizona, and Stephen M. Russell, University of Arizona, Tucson, Arizona, *Desert Bird Communities and Their Vegetational Habitats*.
- George Kulesza, University of Illinois, Urbana, Illinois, *Breeding Bird Diversity in Structurally Simple Habitats: Responses to Vegetation Growth*.

- Bertin W. Anderson and Robert D. Ohmart, Arizona State University, Tempe, Arizona, *Birds of Three Plant Communities in the Lower Colorado River Valley.*
- Robert C. Whitmore, Brigham Young University, Provo, Utah, *Habitat Partitioning in Birds of the Riparian Community of Southwestern Utah.*
- Douglas James, Energy Research and Development Administration, Washington, D.C., *Vegetational Habitats of African Shrubland Birds.*
- Alan F. Posey, University of Arkansas, Fayetteville, Arkansas, and Douglas James, Energy Research and Development Administration, Washington, D.C., *Habitat Partitioning by Shrubland Birds in Arkansas and West Africa.*
- Robert C. Szaro and Russell P. Balda, Northern Arizona University, Flagstaff, Arizona, *The Effects of Seasonality on Bird Communities in the Ponderosa Pine Forest.*
- Kimberly G. Smith, University of Arkansas, Fayetteville, Arkansas, *Distribution of Summer Birds Along a Forest Moisture Gradient in an Ozark Watershed.*
- Sheila Conant, University of Hawaii, Honolulu, Hawaii, *Avian Population Dynamics in Some Hawaiian Habitats.*
- Henry A. Hespenehede, University of California, Los Angeles, California, *A Comparison of Bird Community Structure in Two Panama Forests.*
- David L. Pearson, Pennsylvania State University, University Park, Pennsylvania, *The Relation of Bird Community Structure to Foliage Complexity on Three Amazonian Plots.*
- James R. Rees, 509 Skyline Drive, Fort Collins, Colorado, *Breeding Behavior of Marsh Hawks in Arid and Mesic Grassland Habitats.*
- Thomas R. Howell, University of California, Los Angeles, California, *Reproductive Adaptations in the Blue-footed Booby.*
- B. J. Betts and D. A. Jenni, University of Montana, Missoula, Montana, *Parental Behavior of Female American Jacanas.*
- Charles H. Black, 2707 Pinelake Drive, Greensboro, North Carolina, *Reproductive Strategies of Female Spotted Sandpipers.*
- Douglas W. Mock, University of Minnesota, Minneapolis, Minnesota, *Vocabulary Shifts During Pair-formation in Great Blue Herons.*
- Robert B. Payne, University of Michigan, Ann Arbor, Michigan, *Mating Systems and Intra- and Inter-sexual Selection in a Population of Non-parental Birds.*
- Mercedes S. Foster, University of South Florida, Tampa, Florida, *Male-male Pairs and Reproduction in the Long-tailed Manakin.*
- Sievert Rohwer, University of Washington, Seattle, Washington, and David M. Niles, Delaware Museum of Natural History, Greenville, Delaware, *Plumage Variability, Female Mimicry and 100 Years of Evolution in Subadult Purple Martins.*
- John R. Watson, University of New Mexico, Albuquerque, New Mexico, *An Experimental Study of the Tendency to be Social in the House Sparrow.*
- Charles T. Collins, California State University, Long Beach, California, *Development of Temperature Regulation in the House Swift.*
- Brian W. Cain, Texas A&M University, College Station, Texas, *Energetics of Growth for Black-bellied Tree Ducks.*
- Cynthia Carey and William R. Dawson, University of Michigan, Ann Arbor, Michigan, *Seasonal Adjustment of American Goldfinches to Winter Cold.*
- James R. Koplin, Michael W. Callopy and Albert R. Bammann, Humboldt State University, Arcata, California, *Energetics of Wintering Falconiformes: An Empirically-derived and Tested Model.*
- Alan H. Brush, University of Connecticut, Storrs, Connecticut, and Dennis M. Power,

- Santa Barbara Museum of Natural History, Santa Barbara, California, *House Finch Pigmentation: Carotenoid Metabolism and the Effect of Diet*.
- C. R. Blem, Virginia Commonwealth University, Richmond, Virginia, *Geographic Variation in the Body Composition of Starlings*.
- Gary D. Schnell, University of Oklahoma, Norman, Oklahoma, *Sexual Dimorphism and Common Factors in Skeletal Measurements of California Gulls*.
- Joel Cracraft, University of Illinois at Medical Center, Chicago, Illinois, *Patterns of Size and Shape in Moa Hindlimb Elements: A Multivariate Analysis Approach*.
- Jenna Jo Hellack, University of Oklahoma, Norman, Oklahoma, *A Phenetic Analysis of Interspecific Relationships in the Subfamily Cardinalinae*.
- Ronald I. Orenstein, University of Michigan, Ann Arbor, Michigan, *Convergence in Stream-adapted Birds*.
- Robert L. Paterson, Jr., Central Michigan University, Mt. Pleasant, Michigan, *Factors Influencing Woodcock Habitat Longevity*.
- Kathleen E. Franzreb, Arizona State University, Tempe, Arizona, *Variation in the Behavior of Five Avian Species Resulting from Timber Harvesting in a Mixed-coniferous Forest*.
- Sandra E. Jones, 5123 Stansbury Ave., Sherman Oaks, California, *Methods of Coexistence in Insectivorous Mixed Species Flocks*.
- Lester L. Short, American Museum of Natural History, New York, New York, *Sympatry Among Thirteen Malayan Woodpeckers—Ecological and Morphological Aspects*.
- Howard Levenson, Humboldt State University, Arcata, California, *Time and Activity Budget of a Female Osprey Nesting in Northwestern California*.
- Harry W. Power, Syracuse University, Syracuse, New York, *Cost/Benefit Analysis of Mountain Bluebird Foraging Tactics*.
- F. Gary Stiles, Universidad de Costa Rica, Ciudad Universitaria, Costa Rica, *Dominance, Territoriality, and Energetics of Some Tropical Hummingbirds*.